DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS

SAM. L. ROGERS, DIRECTOR RESIGNED APRIL 13, 1921

W. M. STEUART, DIRECTOR
APPOINTED APRIL 14, 1921

FOURTEENTH CENSUS OF THE UNITED STATES TAKEN IN THE YEAR 1920

VOLUME IX

MANUFACTURES

1919

REPORTS FOR STATES, WITH STATISTICS FOR PRINCIPAL CITIES

PREPARED UNDER THE SUPERVISION OF EUGENE F. HARTLEY
CHIEF STATISTICIAN FOR MANUFACTURES



WASHINGTON
GOVERNMENT PRINTING OFFICE
1923

Bureau of the Census
Library

REPORTS OF THE FOURTEENTH CENSUS.

POPULATION:

Volume I.—Number and Distribution of Inhabitants.

Volume II.—GENERAL REPORT AND ANALYTICAL TABLES.

Volume III.—Composition and Characteristics of the Population, by States.

Volume IV.—OCCUPATIONS.

AGRICULTURE:

Volume V.—GENERAL REPORT AND ANALYTICAL TABLES.

Volume VI.—REPORTS FOR STATES, WITH STATISTICS FOR COUNTIES.

Part 1.—THE NORTHERN STATES.

Part 2.—THE SOUTHERN STATES.

Part 3.—The Western States and the Outlying Possessions.

Volume VII.—IRRIGATION AND DRAINAGE—GENERAL REPORT AND ANALYTICAL TABLES, AND REPORTS FOR STATES, WITH STATISTICS FOR COUNTIES.

MANUFACTURES:

Volume VIII.—GENERAL REPORT AND ANALYTICAL TABLES.

Volume IX.—REPORTS FOR STATES, WITH STATISTICS FOR PRINCIPAL CITIES.

Volume X.—REPORTS FOR SELECTED INDUSTRIES.

MINING:

Volume XI.—Mines and Quarries—General Report and Analytical Tables, and Reports for States and Selected Industries.

ABSTRACT OF THE FOURTEENTH CENSUS.
ABSTRACT OF THE CENSUS OF MANUFACTURES.

LETTER OF TRANSMITTAL.

DEPARTMENT OF COMMERCE,
BUREAU OF THE CENSUS,
Washington, D. C., May 1, 1922.

SIR:

I transmit herewith Volume IX of the Reports of the Fourteenth Decennial Census, relating to manufactures. The statistics were collected during the year 1920, but relate in general to the year ending December 31, 1919.

The report on manufactures consists of three volumes and an Abstract of Manufactures. Volume VIII contains a summarization of the statistics of manufactures as a whole, for the separate industries and for the states, counties, and principal cities. Volume IX, the present volume, contains a separate report on the manufactures of each state and Alaska, Hawaii, and Porto Rico, with special statistics for the leading industries in the state and territory, each report having been previously issued as a bulletin. Volume X contains special reports relating to the leading industries of the United States, which were also published as a series of bulletins.

The collection and compilation of the statistics and the preparation of the text were under the supervision of Eugene F. Hartley, chief statistician for manufactures, assisted by John F. Daly, William A. Ruff, William W. Sawyer, chiefs of divisions, Frank L. Sanford and Story B. Ladd, expert special agents, and Lucy Craycroft, statistical expert.

Respectfully,

Hon. Herbert Hoover, Secretary of Commerce. W. M. STEUART,

Director of the Census.

(3)

CONTENTS.

Introduction Explanation of terms: Scope of census Period covered The establishment Classification by industries Selected industries. Comparisons with previous censuses Influence of increased prices Persons engaged in the industry Salaries and wages Prevailing hours of labor Capital		15 15 15 15 16 16 16 16 16 16 17	Materials Rent and ta Value of pro Value added Cost of man Primary hor Fuel Location of Laundries. Custom saw INDEX OF CITIE	estab	nanufacture ure and profits wer lishments and gristmills	17 17 17 17 17 17 17 18 18
*		TION ONL			O14D•	
STATES. Pa	-			Page.		Page.
Alabama	21	Maryland		557	Pennsylvania	
Arizona	47	Massachusetts		587	Rhode Island	
Arkansas	61	Michigan		669	South Carolina.	
California	81	Minnesota		717	South Dakota	
	141	Mississippi		755	Tennessee	
	L67	Missouri		775	Texas	
	211	Montana		817	Utah	
District of Columbia.	229	Nebraska		833	Vermont	
	241	Nevada		857	Virginia	
0.000	263	New Hampshire		867	Washington	
Idaho 2	295	New Jersey		889	West Virginia	
	09	New Mexico		959	Wisconsin	
Indiana	373	New York		969	Wyoming	1653
Iowa	17	North Carolina			OUTLYING POSSESSIONS.	
	149	North Dakota				
,	179	Ohio			Alaska	
	07	Oklahoma			Hawaii	
Maine	631	Oregon		1235	Porto Rico	1683
	DE	TAILED CONTE	NTS FOR ST	'ATI	ES.	
ALABAMA.	1	SPECIAL	STATISTICS. F	age.		Page.
	1	Cotton goods		34	Wage earners, by months. Wage earners, by months, for selected industri- and for cities. Average number of wage earners, by prevailir hours of labor per week, for selected industri	50
GENERAL STATISTICS. Pa		Blast furnaces		34	and for cities.	es - 51
General character of the state	21	Steel works and rolling mill Lumber and timber produc	8	34 35	Average number of wage earners, by prevailing	1g
Statistics for the state, by counties	23	Fertilizers		35	and for cities.	51
Principal industries, by value of products	24 24	Printing and publishing		- 36	and for cities. Size of establishments, by average number wage earners, for selected industries and for	of or
Average number of wage earners for selected indus-	25	Laundries. Dyeing and cleaning		36 36	Cities.	52
Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age,	23	Custom sawmills and gristn	nills	37	cities. Size of establishments, by value of products. Size of establishments, by value of products, for	52 or
and value of products for cities of 10,000 mmsu-	25	O Payrin 4 F	#1 DY #2		selected inclusities.	n.x
itants or more. Wage earners, by months.	25	GENEBAL			Size of establishments, by value of products, is cities of 10,000 inhabitants of more.	. 53
Wage earners, by months, for selected industries and for cities	26	Comparative summary for a for cities: 1919, 1914, and 1	selected industries and 1909	38	Character of ownership, for selected industries an for cities	54
Average number of wage earners, by prevailing hours of labor per week, for selected industries		Detailed statement of all incorporations specified industries: 1919.	dustries combined and	- 1	for cities Manufactures, by population groups, in cities 10,000 inhabitants or more	of 54
and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities.	27	specified industries. 1919.	***************************************	*0	Number and horsepower of prime movers Fuel consumed.	., 00
earners, for selected industries and for cities	28	ARIZ	ONA.		the control of the second seco	00
Size of establishments, by value of products Size of establishments, by value of products, for	28	GENERAL S	STATISTICS.		SPECIAL STATISTICS.	
selected industries	29			47	Flour-mill and gristmill products	55
selected industries Size of establishments, by value of products, for cities of 10,000 inhabitants or more	30	General character of the sta Comparative summary		47 48	Printing and publishing. Laundries. Dyeing and cleaning.	. 56 . 56
Character of ownership, for selected industries and	31	Comparative summary Statistics for the state, by c Principal industries, by val Persons engaged in manufac	ounties	49	Dyeing and cleaning	. 56
Manufactures, by population groups, in cities of		Persons engaged in manufac	cturing industries	49	GENERAL TABLES.	
for cities Manufactures, by population groups, in cities of 10,000 inhabitants or more Principal industries in cities of 50,000 inhabit-	32	Average number of wage ear, tries, with per cent, by se Average number of wage ea	ners for selected indus-		Comparative summary for selected industries	38
ants or more, with per cent of total for state Number and horsepower of prime movers	32 33	Average number of wage ea and value of products for	rners, by sex and age,		Comparative summary for selected industries and for cities: 1919, 1914, and 1909	. 57 d
Fuel consumed	33	tants or more	***************************************	50	specified industries: 1919	. 58
		, .			(5)	

ARKANSAS.	COLORADO.	I	DELAWARE.	
GENERAL STATISTICS.	GENERAL STATISTICS.		GENERAL STATISTICS.	
General character of the state 61 Comparative summary 62 Statistics for the state, by counties 63 Principal industries, by value of products 64 Persons engaged in manufacturing industries 64 Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age.	Average number of wage earners by sex and age	141	General character of the state. Comparative summary statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected indus-	211 212 213 213 213 213
and value of products for cities of 10,000 inhabi- tants or more. 65 Wage earners, by months. 66 Wage earners, by months, for selected industries and for cities. 66	and value of products, for cities of 10,000 innabit- ants or more. Wage earners, by months. Wage earners, by months, for selected industries	145 145 146	wage earners, by months. Wage earners, by months, for selected industries	214 214 214
Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. 67 Size of establishments, by average number of wage earners, for selected industries and for cities. 68 Size of establishments, by value of products, for	and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities.	147 148	hours of fabor per week, for selected industries and for Wilmington. Size of establishments, by average number of wage earners, for selected industries and Wilmington. Size of establishments, by value of products. Size of establishments, by value of products, for	215 216 216
selected industries. 69 Size of establishments, by value of products, for cities of 10,000 inhabitants or more. 70 Character of ownership, for selected industries and for cities of 70	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries	148 149 150	selected moustries. Size of establishments, by value of products, for Wilmington. Character of ownership, for selected industries and Wilmington. Manufactures in cities of 10,000 inhabitants or	217 217 218
Manufactures, by population groups, in cities of 10,000 inhalitants or more. 71 Principal industries in Little Rock, with per cent of total for state. 71 Number and horsepower of prime movers. 72 Fuel consumed. 72	Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Denver, with per cent of total for state.	150 151 151 152 152	more. Principal industries in Wilmington, with per cent of total for the state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS.	218 218 219 219
SPECIAL STATISTICS.	SPECIAL STATISTICS.		Leather, tanned, curried, and finished.	219
Lumber and timber products 73 Rice, cleaning and polishing 73 Flour-mill and gristmill products 73 Printing and publishing 74 Laundries 74 Dyeing and cleaning 74 Custom sawnills and gristmills 74	Slaughtering and meat packing Flour-mill and gristmill products Butter, cheese, and condensed milk Printing and publishing. Laundries.	153 153 154 154 154	Canning and preserving. Flour-mill and gristmill products. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES.	220
Custom sawmills and gristmills	Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES.	154 155	Comparative summary for selected industries and for Wilmington: 1919, 1914, and 1909. Detailed statement of all industries combined and	222
Comparative summary for selected industries and for cities: 1919, 1914, and 1909. 75 Detailed statement of all industries combined and specified industries: 1919. 76	Detailed statement of all industries combined and	156	DISTRICT OF COLUMBIA,	224
CALIFORNIA.		158	Area and population	229 230
GENERAL STATISTICS.	CONNECTICUT.		Comparative summary Principal industries, by value of products. Persons engaged in manufacturing industries	230 231
General character of the state 81 Comparative summary 32		167	Average number of wage earners for selected in- dustries, with per cent, by sex and age	231 231
Statistics for the state, by counties	Statistics for the state, by counties. Principal industries, by value of products	168 169 169 170	Wage earners, by months. Wage earners, by months, for selected industries. Average number of wage earners, by prevailing hours of labor per week, for selected industries. Size of establishments, by average number of wage	232 232
tries, with per cent, by sex and age	tries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabit-	170 171	earners, for selected industries. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Character of ownership, for selected industries.	233 233 234 234
ants or more. 86 Wage earners, by months. 86 Wage earners, by months, for selected industries and for cities. 86 Average number of wage earners, by prevailing hours of labor per week, for selected industries	Wasa earners, by months, for selected industries	171 172	Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS.	235
Size of establishments, by average number of wage	and for cities. Size of establishments, by average number of wage	174	Laundries	235 235
earners, for selected industries and for cities 90 Size of establishments, by value of products, 91 Size of establishments, by value of products, for selected industries 92 Size of establishments, by value of products, for	earners, for selected industries and for cities Size of establishments, by value of products	175 176 177	ESTABLISHMENTS OPERATED BY FEDERAL GOVERNMENT.	200
Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of	Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and	179 180	Governmental establishments. Wage earners, by months Number and horsepower of prime movers. Fuel consumed.	236 237
10,000 inhabitants or more	10,000 inhabitants or more Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state Number and horsepower of prime movers	181 182 183 183	GENERAL TABLES. Comparative summary for selected industries: 1919, 1914, and 1909. Detailed statement of all industries combined and	237
SPECIAL STATISTICS.	SPECIAL STATISTICS.		specified industries: 1919FLORIDA.	238
Petroleum, refining 99 Canning and preserving 99 Shipbuilding, including boat building 100		184 184	GENERAL STATISTICS.	
Shipbuilding, including boat building 100 Slaughtering and meat packing 101	Silk goods	185 185	General character of the state	241 242
Slaughtering and meat packing 101 Flour-mill and gristmill products 102 Butter, cheese, and condensed milk 102 Lumber and timber products 102 Printing and publishing 102 Printing and publishing 102	Hats, fur-let. Machinery used in textile mills Electrical machinery, apparatus, and supplies	186 187 187 188	Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected in-	243 243 244
Leather, tanned, curried, and finished		188 188 188	Average number of wage earners for selected in- dustries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi-	244
Power laundries 104 Dyeing and cleaning 104 Cust om gristmills 105	Dyeing and cleaning Custom sawmills and gristmills	189 189	Wage earners, by months. Wage earners, by months, for selected industries	245
GENERAL TABLES.	GENERAL TABLES. Comparative summary for selected industries and		and for cities	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909	for cities: 1919, 1914, and 1909	190 194	and for cities	.K10

p	age.	т.	age.	1	Page.
	247	Size of establishments, by average number of	age.	Persons engaged in manufacturing industries	
Size of establishments, by value of products Size of establishments, by value of products, for	-	l wage earners, for selected industries and for		A versue number of weggestners for selected indus-	
selected industries	24 8	cities. Size of establishments, by value of products. Size of establishments, by value of products, for	300 300	tries, with percent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhab-	3//
cities of 10,000 inhabitants or more	249	Size of establishments, by value of products, for	901	and value of products for cities of 10,000 inhab-	979
Character of ownership, for selected industries and for cities.	249	scleeted industries. Size of establishments, by value of products, for	301	itants or moré. Wage earners, by months.	378
and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants	250	cities of 10,000 inhabitants or more Character of ownership, for selected industries	301	Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries	378
Principal industries in cities of 50,000 inhabitants		and for cities	302	Average number of wage earners, by prevailing	313
or more, with per cent of total for state Number and horsepower of prime movers	$\frac{251}{251}$	Manufactures, by population groups, in cities of 10,000 inhabitants or more	302	hours of labor per week, for selected industries and for cities	380
Fuel consumed.	252	Number and horsepower of prime movers	303	Size of establishments, by a verage number of wage earners, for selected industries and for cities	. 200
SPECIAL STATISTICS.		Fuel consumed	303	i Giza afactablichmante bu valua afaraduete	222
		SPECIAL STATISTICS.		Size of establishments, by value of products, for	
Lumber, and timber products. Shipbuilding, including boat building	252 252	Lumber and timber products	303	Size of establishments, by value of products, for	904
	0.50	Lumber and timber products	303	cities of 10,000 inhabitants or more	385
Printing and publishing	253 253	Butter, cheese, and condensed milk Printing and publishing	304 304	Character of ownership, for selected industries and for cities.	386
Laundries	253	Laundries	304	Manufactures, by population groups, in cities of	388
Fertilizers. Printing and publishing. Laundries. Dyeing and cleaning. Custom gristmills and sawmills.	254 254	Dyeing and cleaning Custom sawmills and gristmills	304 305	forcities. Manufactures, by population groups, in cities of 10,000 inhabitants of more. Principal industries in cities of 50,000 inhabitants	933
0		Custom Saw mans and Bristanias	500	or more, with percent of total for state Number and horsepower of prime movers	299
GENERAL TABLES.		GENERAL TABLES.		Fuelconsumed	390
Comparative summary for selected industries and		Comparative summary for selected industries and		SPECIAL STATISTICS.	
for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and	255	for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and	305	Iron and steel, blast furnaces and steel works and	
specified industries: 1919	256	specified industries: 1919	306	rolling mills	391
CTOD CT A				Slaughtering and meat packingAutomobiles, including bodies and parts	391 392
GEORGIA.		ILLINOIS.		Flour-mill and grist mill products	392
GENERAL STATISTICS.		GENERAL STATISTICS.		Agricultural implements	393
General character of the state	263		60-	Glass. Butter, cheese, and condensed milk. Printing and publishing.	393
Comparative summary. Statistics for the state, by counties	$\frac{264}{265}$	General character of the state	309 310	Canning and preserving. Lumber and timber products.	394
Principal industries, by value of products	267	Statistics for the state, by counties	311	Lumber and timber products	394
Persons engaged in manufacturing industries Average number of wage earners for selected in-	267	Principal industries, by value of products Persons engaged in manufacturing industries	312 313	Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	394
dustries, with per cent, by sex and age	268	Average number of wage earners for selected in- dustries, with per cent, by sex and age	314	Custom sawmills and gristmills	395
Average number of wage earners, by sex and age, and value of products for cities of 10,000 in-		Average number of wage earners, by sex and age,	212	GENERAL TABLES.	
habitants or more	268 268	and value of products for cities of 10,000 inhab- itants or more.	315	Comparative summary for selected industries and	
habitants or more. Wage earners, by months. Wage earners, by months, for selected industries		Wage earners, by months	315	for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and	. 396
and for cities	269	Wage earners, by months, for selected industries and for cities.	316	specified industries: 1919	400
Average number of wage earners, by prevailing hours of labor per week, for selected industries		Average number of wage earners, by prevailing	0.20	.tt.v <u>o</u> _00004#77	
and for cities. Size of establishments, by average number of wage earners, for selected industries and for	270	hours of labor per week, for selected industries and for cities.	319	IOWA.	
wage earners, for selected industries and for	271	and for cities		GENERAL STATISTICS.	
Size of establishments, by value of products	271	cities	322	General character of the state	417
Size of establishments, by value of products for selected industries	272	Size of establishments, by value of products	323	Comparative summary	419
selected industries Size of establishments, by value of products, for		selected industries	324	Statistics for the state, by counties. Principal industries, by value of products.	420
cities of 10,000 inhabitants or more	273	Size of establishments, by value of products, for cities of 10,000 inhabitants or more	327	Persons engaged in manufacturing industries Average number of wage earners for selected in-	
and for cities	274	Character of ownership, for selected industries		dustries, with percent, by sex and age	421
Manufactures, by population groups, in cities of 10,000 inhabitants or more	275	and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more.	329	Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabit-	
Principal industries in cities of 50,000 inhabitants	275	10,000 inhabitants or more	331	antsormore	422 422
or more, with per cent of total for state Number and horsepower of prime movers	276	Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state	332	Wage earners, by months. Wage earners, by months, for selected industries	
Fuel consumed	276	Number and horsepower of prime movers Fuel consumed	333	Average number of wage earners, by prevailing	422
SPECIAL STATISTICS.		THE COMMITTEE OF THE PARTY OF T	000	hours of labor per week, for selected industries	
Cotton goods	277	SPECIAL STATISTICS.		and for cities. Size of establishments, by a verage number of wage	424
Knit goods Machinery used in textile mills	277	Slaughtering and meat packing.	334	earners, for selected industries and for cities	425
Machinery used in textile mills. Fertilizers Lumber and timber products	278 278	Printing and bublishing.	335 336	Size of establishments, by value of products for	
Lumber and timber products	278 279	Blast furnaces. Steel works and rolling mills.	336	selected industries	427
Turpentine and rosin. Shipbuilding, including boat building. Flour-mill and gristmill products.	279	Agricultural implements. Electrical machinery, apparatus, and supplies	336 337	cities of 10,000 inhabitants or more	428
Flour-mill and gristmill products	279 280	Electrical machinery, apparatus, and supplies Flour-mill and gristmill products	337	Character of ownership, for selected industries and for cities	429
Laundries	280	Petroleum, refining Leather, tanned, curried, and finished	337 338	for cities. Manufactures, by population groups, in cities of	430
Dyeing and cleaning Custom sawmills and gristmills	280 280	Butter, cheese, and condensed muk	338 339	Principal industries in cities having 50,000 inhab-	450
		Paints and varnishes. Engines, steam, gas, and water	339	itants or more, with per cent of total for state Number and horsepower of prime movers	431
GENERAL TABLES.		Druggists' preparations, patent medicines and	240	Fuel consumed	432
		compounds, and perfumery and cosmetics		SPECIAL STATISTICS.	
Comparative summary for selected industries and	000	compounds, and perfumery and cosmetics	340 340		
for cities: 1919, 1914, and 1909	282	compounds, and permmery and cosmetics Soap		Slaughtering and meat packing	432
Comparative summary for selected industries and for cities: 1919, 1914, and 1909———————————————————————————————————	282 284	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chamicals	340 341 341	Slaughtering and meat packing Butter, cheese, and condensed milk	433
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.		Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chamicals	340 341 341	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing	433 433 434
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO.		Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chamicals	340 341 341	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing Arricultural implements	433 433 434 434
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS.		Scap. Boots and shoes Musical instruments, planos and organs, and materials. Chemicals Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	340 341 341	Butter, cheese, and condensed milk. Flour-mill and gristmill products. Printing and publishing. Agricultural implements. Laundries.	433 434 434 434 434
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENEBAL STATISTICS. General character of the state.	284 295	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chamicals	340 341 341	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing Arricultural implements	433 434 434 434 434
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. TDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties.	284 295 296 297	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and	340 341 341 342 342 342 342 342	Butter, cheese, and condensed milk. Flour-mill and gristmill products. Printing and publishing. Agricultural implements. Laundries.	433 434 434 434 434
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summery. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries.	284 295 296	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined	340 341 341	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing. Agricultural implements Laundries. Dyeing and cleaning. Custom sawmills and gristmills. General Tables.	433 434 434 434 434 435
for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected in-	284 295 296 297 297 298	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1999. Detailed statement of all industries combined	340 341 341 342 342 342 342 342	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing. Agricultural implements Laundries. Dyeing and cleaning. Custom sawmills and gristmills. General Tables.	433 434 434 434 434 435
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age.	284 295 296 297 297	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chemicals. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	340 341 341 342 342 342 342 342 343	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing. Agricultural implements. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. General Tables.	433 434 434 434 434 435
for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Personsengaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhab-	284 295 296 297 297 298 298	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined	340 341 341 342 342 342 342 342 343	Butter, cheese, and condensed milk. Flour-mill and gristmill products. Printing and publishing. Agricultural implements. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	433 434 434 434 434 435
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more.	284 295 296 297 297 298	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chemicals. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	340 341 341 342 342 342 342 342 343	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing. Agricultural implements Laundries. Dyeing and cleaning. Custom sawmills and gristmills. General Tables.	433 434 434 434 434 435
for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months.	284 295 296 297 298 298 298 298	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Chemicals. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. INDIANA. GENERAL STATISTICS. General character of the state.	340 341 341 342 342 342 342 343 348	Butter, cheese, and condensed milk. Flour-mill and gristmill products. Printing and publishing. Agricultural implements. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries; 1919. KANSAS. GENERAL STATISTICS.	433 434 434 434 434 435 435 435
forcities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. IDAHO. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more.	284 295 296 297 297 298 298	Soap. Boots and shoes. Musical instruments, pianos and organs, and materials. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. INDIANA.	340 341 341 342 342 342 342 343 348	Butter, cheese, and condensed milk Flour-mill and gristmill products Printing and publishing Agricultural implements Laundries Dyeing and cleaning Custom sawmills and gristmills GENERAL TABLES Comparative summary for selected industries and for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and specified industries: 1919 KANSAS.	433 434 434 434 434 435 435 435

KANSAS—Continued.	Page.		age.
GENERAL STATISTICS—continued. Page	Principal industries, by value of products	Persons engaged in manufacturing industries Average number of wage earners for selected industries, with per cent, by sex and age	560
Principal industries, by value of products 4 Persons engaged in manufacturing industries 4	dustries, with per cent, by sex and age	Average number of wage earners, by sex and	561
Average number of wage earners for selected in- dustries, with percent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhab-	itants or more 511 Wage earners, by months 511	inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries	561 562
itants or more 4		Average number of wage earners, by prevailing hours of labor per week, for selected industries	562
Wage earners, by months, for selected industries and for cities	hours of labor per week, for selected industries and for cities. 513 Size of establishments, by average number of wage earners, for selected industries and for cities. 514	Size of establishments, by average number of	563
Average number of wage earners, by prevailing hours of labor per week, for selected industries and forcities.		wage earners, for selected industries and for cities	564 565
Size of establishments, by average number of wage earners, for selected industries and for cities 4. Size of establishments, by value of products	Size of establishments, by value of products, for	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for	565
Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. 4.	cities of 10,000 inhabitants or more	cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities.	567 567
cities of 10,000 inhabitants or more 4. Character of ownership, for selected industries and	Principal industries in New Orleans with nor cent	Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Baltimore, with per cent	568
Manufactures, by population groups, in cities of 10,000 inhabitants of more. 4	Number and hersenover of prime movers	Number and horsepower of prime movers	968
Principal industries in cities of 50,000 inhabitants or more, with percent of total for state	SPECIAL STATISTICS.	Fuel consumed	569
Fuel consumed 40			
SPECIAL STATISTICS.	Lumber and timber products. 519 Petroleum, refining 519 Rice, cleaning and polishing 520	Shipbuilding, including boat building	570 571
Flour-mill and gristmill products. 48 Butter, cheese, and condensed milk 46	Turpentine and rosin 520 Printing and publishing 520 Ice, manufactured 521 Laundries 521	Flour-mill and gristmill products	$\frac{571}{571}$
Petroleum, refining	Laundries	Cotton goods. Printing and publishing. Laundries.	$\frac{572}{572}$
Ice, manufactured	Dyeing and cleaning 521 Custom sawmills and gristmills 521	Laundries	572 572
Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Petroleum, refining. Printing and publishing. 46. Hanufactured. Laundries. Dyeing and cleaning. 46. Custom sawmills and gristmills.	GENERAL TABLES,	Dyeing and cleaning	573
GENERAL TABLES.	Comparative summary for selected industries and for cities: 1919, 1914, and 1909	GENERAL TABLES.	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909		Comparative summary for selected industries and for cities; 1919, 1914, and 1909 Detailed statement of all industries combined	574
Detailed statement of all industries combined and specified industries: 1919		and specified industries: 1919	576
KENTUCKY.	GENERAL STATISTICS.	MASSACHUSETTS.	
GENERAL STATISTICS.	General character of the state	GENERAL STATISTICS.	
General character of the state	Comparative summary 532 Statistics for the state, by counties 532		
Comparative summary 48	Principal industries, by value of products	General character of the state	587 588
Statistics for the state, by counties	. A verage number of wage earners for selected in	Statistics for the state, by counties	589
Persons engaged in manufacturing industries 48	Average number of wage earners, by sex and age.	Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of ware servers for elected in	590
Average number of wage earners for selected in- dustries, with per cent, by sex and age	1 agu value of droubers for miles of 10 uni impan-	Average number of wage earners for selected in- dustries, with per cent, by sex and age	
A verage number of wage earners, by sex and age, and value of products for cities of 10,000 in-	itants or more 534 Wage earners, by months 534 Wage carners, by months, for selected industries	Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhab-	***
habitants or more. 48 Wage earners, by months. 48 Wage earners, by months, for selected industries	Average number of wage earners, by prevailing bours of labor per week for selected industries	itants or more. Wage earners, by months. Wage earners, by months, for selected industries	592 592
and for cities. 48 Average number of wage earners, by prevailing hours of labor per week, for selected industries	Size of establishments, by average number of wage	and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries	593
and for cities	Size of establishments, by value of products 537	Size of establishments, by average number of	597
Size of establishments, by value of products 48 Size of establishments, by value of products, for	selected industries	wage earners, for selected industries and for cities.	601
selected industries	office of 10 000 inhabitants or more	Size of establishments, by value of products	602
	Unaracter of ownership, for selected industries and	Size of establishments, by value of products, for selected industries.	
cities of 10,000 inhabitants or more		Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries	602 603 606
cities of 10,000 inhabitants or more	for cities. 539 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 540 Principal industries in Portland, with per cent of	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of	602 603 606 609
cities of 10,000 inhabitants or more	for cities. 539 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 540 Principal industries in Portland, with per cent of	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants.	602 603 606 609 612
cities of 10,000 inhabitants or more	for cities	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers.	602 603 606 609 612 613 615
cities of 10,000 inhabitants or more	for cities	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	602 603 606 609 612 613 615
cities of 10,000 inhabitants or more	Interest of white state of the	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	602 603 606 609 612 613 615 615
cities of 10,000 inhabitants or more	Interest of white state of the	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	602 603 606 609 612 613 615 615
cities of 10,000 inhabitants or more	Character of ownersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Frincipal industries in Portland, with per cent of total for state. State 541 Number and horsepower of prime movers. State 542 SPECIAL STATISTICS. Cotton goods. SPECIAL STATISTICS. Cotton goods. SAMACHINETY USED in textile mills.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares Wool manufactures.	602 603 606 609 612 613 615 617 617 617
cities of 10,000 inhabitants or more	Character of ownersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Frincipal industries in Portland, with per cent of total for state. State 541 Number and horsepower of prime movers. State 542 SPECIAL STATISTICS. Cotton goods. SPECIAL STATISTICS. Cotton goods. State 743 Machinery used in textile mills. State 744 Paper and wood pulp. State 745 Lumber and timber products. State 745 Contring and preserving. State 745 Contring and preserving.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares. Wool manufactures. Knit goods.	602 603 606 609 612 613 615 617 618 620 620
cities of 10,000 inhabitants or more	Character of ownersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Frincipal industries in Portland, with per cent of total for state. State 541 Number and horsepower of prime movers. State 542 SPECIAL STATISTICS. Cotton goods. SPECIAL STATISTICS. Cotton goods. State 743 Machinery used in textile mills. State 744 Paper and wood pulp. State 745 Lumber and timber products. State 745 Contring and preserving. State 745 Contring and preserving.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares. Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished.	602 603 606 609 612 613 615 615 617 617 618 620 621 622 622
cities of 10,000 inhabitants or more	Interest of white state of the	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles Cotton goods, including cotton small wares. Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished Boots and shoes. Slaughtering and meat packing.	602 603 606 609 612 613 615 615 617 617 618 620 621 622 622 623 624
cities of 10,000 inhabitants or more	Same constraints of the constr	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares. Wool manufactures. Knit goods. Sik manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished Boots and shoes. Slaughtering and meat packing. Electrical machinery, apparatus, and supplies. Paper and wood pulp. Textile reachinery and rests	602 603 606 609 612 613 615 617 617 618 620 621 622 623 624 624 625 625
cities of 10,000 inhabitants or more	Interaction of which should be a selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state. Number and horsepower of prime movers. SPECIAL STATISTICS. Cotton goods. SPECIAL STATISTICS. Cotton goods. Woolen and worsted goods. Machinery used in textile mills. S44 Boots and shoes. Lumber and timber products. S45 Canning and preserving. S45 Canning and publishing. S46 Laundries. S46 Dyeing and cleaning. GENERAL TABLES. Comparative summary for selected industries	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares. Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished. Boots and shoes. Slaughtering and meat packing. Electrical machinery, apparatus, and supplies. Paper and wood pulp. Textile machinery and parts. Printing and publishing. Laundries.	602 603 606 609 612 613 615 615 617 618 620 621 622 622 623 624 625 626 626 626 626 626 626 626 626 626
cities of 10,000 inhabitants or more	Interest of whitersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state. State of total for state. SPECIAL STATISTICS. Cotton goods. Woolen and worsted goods. Machinery used in textile mills. Paper and wood puip. Boots and shoes. Lumber and timber products. Canning and preserving. Printing and publishing. State of the products of the printing and preserving. By Printing and publishing. General Tables. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. State of the product of the product of the printing and preserving. General Tables. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. State of the product of the product of the printing and preserving. State of the printing and preserving and preser	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles Cotton goods, including cotton small wares Wool manufactures. Knit goods. Sik manufactures. Machinery used in textile mills Leather, tanned, curried, and finished Boots and shoes. Slaughtering and meat packing.	602 603 606 609 612 613 615 617 618 620 621 622 623 624 625 625 626 626 626
cities of 10,000 inhabitants or more	Interest of whitersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state. State of total for state. SPECIAL STATISTICS. Cotton goods. Woolen and worsted goods. Machinery used in textile mills. Paper and wood pulp. Boots and shoes. Lumber and timber products. Canning and preserving. Frinting and publishing. State of the products of the printing and preserving. Printing and publishing. General Tables. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. MARYLAND.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Textiles. Cotton goods, including cotton small wares. Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished. Boots and shoes. Slaughtering and meat packing. Electrical machinery, apparatus, and supplies. Paper and wood pulp. Textile machinery and parts. Printing and publishing. Laundries.	602 603 606 609 612 613 615 617 618 620 621 622 623 624 625 625 626 626 626
cities of 10,000 inhabitants or more	Interest of whitersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state. STECIAL STATISTICS. Cotton goods. Woolen and worsted goods. Machinery used in textile mills. Baper and wood pulp. Boots and shoes. Lumber and timber products. Canning and preserving. Printing and publishing. State Dyeing and cleaning. General Tables. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. MARYLAND. GENERAL STATISTICS.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 30,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Taxtiles Cotton goods, including cotton small wares Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished. Boots and shoes. Slaughtering and meat packing. Electrical machinery, apparatus, and supplies. Paper and wood pulp. Textile machinery and paris. Printing and publishing. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES.	602 603 606 609 612 613 615 617 618 620 621 622 623 624 624 625 626 626 627 627
cities of 10,000 inhabitants or more	Interest of whitersmp, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state. State of total for state. SPECIAL STATISTICS. Cotton goods. Woolen and worsted goods. Machinery used in textile mills. Paper and wood pulp. Boots and shoes. Lumber and timber products. Canning and preserving. Frinting and publishing. State of the products of the printing and preserving. Printing and publishing. General Tables. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. MARYLAND.	Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 30,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Textiles Cotton goods, including cotton small wares Wool manufactures. Knit goods. Silk manufactures. Machinery used in textile mills. Leather, tanned, curried, and finished. Boots and shoes. Slaughtering and meat packing. Electrical machinery, apparatus, and supplies. Paper and wood pulp. Textile machinery and parts. Printing and publishing. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries	602 603 606 609 612 613 615 617 617 618 620 621 622 623 624 625 626 627 628

MICHIGAN.		MISSISSIPPI.			age.
GENERAL STATISTICS.	20.00	GENERAL STATISTICS.	2000	Principal industries, by value of products Persons engaged in manufacturing industries	819 820
Canoral abaracter of the state	ege. 669	General character of the state	Page. 755	Average number of wage earners for selected in- dustries, with per cent, by sex and age	820
Comparative summary Statistics for the state, by counties Principal industries, by value of products Persons engaged in manufacturing industries. A verage number of wage earners for selected industries, with per cent, by sex and age.	$\frac{670}{671}$	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries.	7 56 757	Average number of wage earners, by sex and age, and value of products or cities of 10,000 in-	
Principal industries, by value of products Persons engaged in manufacturing industries	$\frac{672}{673}$	Principal industries, by value of products Persons engaged in manufacturing industries	758 758	Wage earners, by months	820 821
A verage number of wage earners for selected in- dustries, with per cent, by sex and age.	673	Average number of wage earners for selected in- dustries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi-	759	habitants or more. Wage earners, by months. Wage earners, by months for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	821
and value of products for cities of 10 000 inheh.		Average number of wage earners, by sex and age,	- 00	Average number of wage earners, by prevailing hours of labor per week, for selected industries	
itants or more	674	tants or more	759 750	and for cities. Size of establishments, by average number of wage earners, for selected industries and for	822
wages earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	674 675	Wage earners, by months, for selected industries	760	1 CITIES	X23
Average number of wage earners, by prevailing	075	Average number of wage earners, by prevailing	.00	Size of establishments, by value of products Size of establishments, by value of products, for	
sand for cities. Size of establishments, by average number of wage earners, for selected industries and for	677	and for cities.	761	selected industries Size of establishments, by value of products, for cities of 10,000 inhabitants or more	824
wage earners, for selected industries and for	650	and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities.	762 762		
cities	679 680	1 Size of actablishments by value of products for	763	and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more.	825
selected industries.	680	selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and	764	10,000 inhabitants or more. Number and horsepower of prime movers	826 826
selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more.	682	Character of ownership, for selected industries and		Fuel consumed	826
Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of	683	for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Number and horsepower of prime movers. Fuel consumed.	765	SPECIAL STATISTICS.	
10,000 imapitants or more	685	Number and horsepower of prime movers.	766 766	Flour-mill and gristmill products.	827
Principal industries in cities of 50,000 inhabitants or more, with percent of total for state Number and horsepower of prime movers	685	·	760	Slaughtering and meat packing.	827
Fuel consumed	686 686	SPECIAL STATISTICS.	766	Flour-mill and gristmill products. Lumber and timber products. Slaughtering and meat packing. Printing and publishing. Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	828
SPECIAL STATISTICS.		Oil and cake, cottonseed	767	Custom sawmills and gristmills	828 828
Automobiles, including bodies and parts	688	Turpentine and rosin	767	GENERAL TABLES.	
Paper and wood pulp. Butter, cheese, and condensed milk	688 688	Printing and publishing	768	Comparative summary for selected industries and	
Slaughtering and meat packing	689 690	Lumber and timber products. Oil and cake, cottonseed. Cotton goods. Turpentine and rosin Fertilizers. Printing and publishing. Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	768	for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and	
Slaughtering and meat packing Leather, tanned, curried, and finished Flour-mill and gristmill products	690 691	GENERAL TABLES.	100	specified industries: 1919	830
Beet sugar Chemicals	691 691	Comparative summary for selected industries and		NEBRASKA.	
Chemicals. Printing and publishing. Lumber and fimber products. Laundries. Discharged clearing	691 692	for cities; 1919, 1914, and 1909. Detailed statement of all industries combined and	769	GENERAL STATISTICS.	
Dyeing and cleaning	692 693	specified industries: 1919	770	General character of the state	833
	693	MISSOURI.		Statistics for the state, by countles	834 835
GENERAL TABLES. Comporative summary for selected industries		GENERAL STATISTICS.		Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries	836 836
Courte and the boundary middle for the first to be a first					
and for cities: 1919, 1914, and 1909	694	General character of the state	775 776	dustries, with per cent, by sex and age	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and specified industries: 1919	694 698	General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products	776 777 779	dustries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 in-	837
and for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and specified industries: 1919. MINNESOTA.		Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected indus-	776 777 779 779	Average number of wage earners for selected in- dustries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 in- habitants or more. Wage earners, by months.	837
specified industries: 1919		Comparative summarry Statistics for the state, by counties	776 777 779	Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. for selected industries	837 837 837
MINNESOTA. GENERAL STATISTICS. General character of the state	698	Comparative summary Statistics for the state, by counties	776 777 779 779 780	Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of la bor per week, for selected industries	837 837 837 838
MINNESOTA. GENERAL STATISTICS. General character of the state	698	Comparative summary Statistics for the state, by counties	776 777 779 779 780 780 781	Average number of wage earners for salected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	837 837 837 838
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Person's engaged in manufacturing industries.	698	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities.	776 777 779 779 780	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products.	837 837 838 839 840
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age.	698	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Averagenumber of wage earners for selected industries, with per cent, by sex and age. Average number of wage carners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	776 777 779 779 780 780 781	Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of la bor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products. for	837 837 838 838 839 840 840
MINNESOTA. GENERAL STATISTICS. General character of the state	717 718 719 720 720 721	Comparative summary Statistics for the state, by counties	776 777 779 779 780 780 781 781 782 784	Average number of wage earners for saected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of la bor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more.	837 837 838 838 839 840 840
MINNESOTA. GENERAL STATISTICS. General character of the state	717 718 719 720 720	Comparative summary Statistics for the state, by counties	776 777 779 779 780 780 781 781 782 784 785	Average number of wage earners for saected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries of 10,000 inhabitants or more. Character of ownership, for selected industries and	837 837 838 839 840 840 841 842
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more Wage earners, by months. Wage earners, by months, for selected industries and for cities.	717 718 719 720 720 721	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries.	776 777 779 779 780 780 781 781 782 784 785 785	Average number of wage earners for saected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries of 10,000 inhabitants or more. Character of ownership, for selected industries and	837 837 838 839 840 840 841 842
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	717 718 719 720 720 721 722 722 722	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Averagenumber of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments. Size of establishments, by value of products, for selected industries. Size of establishments or more. Character of ownership, for selected industries and	776 777 779 779 780 780 781 781 782 784 785 785 785	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 in- habitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries Size of establishments, by value of products, for selected industries Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state.	837 837 838 839 840 840 841 842 843 844
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	717 718 719 720 720 721 722 722 722	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Averagenumber of wage earners for selected industries, with per cent, by sex and age. Average number of wage carners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of	776 777 779 779 780 781 781 781 782 784 785 785 787 788	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants	837 837 838 839 840 841 842 843 844 844 844
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabit-ants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners for selected industries and for cities.	717 718 719 720 720 721 722 722 722	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage carners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants	776 7777 7779 780 780 781 781 782 784 785 785 787 788	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers.	837 837 838 839 840 841 842 843 844 844 844
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. for	717 718 719 720 720 721 722 722 722 724 726	Comparative summary Statistics for the state, by counties	776 7777 779 779 780 780 781 781 781 782 784 785 785 787 788	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries, by value of products, for selected industries of setablishments, by value of products, for selected industries of setablishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	837 837 838 839 840 841 842 843 844 844 845 845
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries.	717 718 719 720 720 721 722 722 722 724 726 727	Comparative summary Statistics for the state, by counties	776 7777 779 779 780 780 781 781 782 784 785 785 787 788 789	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries, by value of products, for selected industries of setablishments, by value of products, for selected industries of setablishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	837 837 838 839 840 841 842 843 844 844 845 845
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries.	698 717 718 719 720 721 722 722 722 722 724 726 727	Comparative summary Statistics for the state, by counties	776 7777 779 780 780 781 781 782 784 785 785 787 788 789 790 790	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principak industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk.	837 837 838 839 840 840 841 842 843 844 844 845 845 846 846 847
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries that of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more.	717 718 719 720 720 721 722 722 722 724 726 727 727 727	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Averagenumber of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS.	776 7777 779 780 780 781 781 782 784 785 785 787 788 789 790 790 791	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principak industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk.	837 837 838 839 840 840 841 842 843 844 844 845 845 846 846 847
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Average number of wage canners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries, by called industries in the state of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities of 10,000 inhabitants or more. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state.	698 717 718 719 720 720 721 722 722 724 726 727 729 730 731	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more.	776 7777 779 780 780 781 781 782 784 785 785 787 788 789 790 790 791	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SEECIAL STATISTICS. Slaughtering and meat packing. Butter, cheese, and condensed milk. Princing and publishing. Laundries. Dyeing and cleaning. Custom gristmills.	837 837 838 839 840 840 841 842 843 844 844 845 845 846 846 847
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries and for cities. Size of establishments, by value of products, for selected industries and for cities. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants.	717 718 729 722 722 724 726 727 729 730	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Boots and shoes. Frinting and publishing. Butter. Electrical machinery, apparatus, and supplies.	776 7777 7779 780 780 781 781 782 784 785 785 787 788 789 790 790 791 792 792 792 793 793 794	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Principa and publishing. Laundries. Dyeing and cleaning. Custom gristmills.	837 837 838 839 840 840 841 842 843 844 844 845 845 846 846 847
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed.	717 718 719 720 720 721 722 722 724 726 727 729 730 730 731 732 732	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Boots and shoes. Flour-mill and gristmill products Printing and publishing. Butter. Electrical machinery, apparatus, and supplies. Laundries.	776 7777 7779 779 780 780 781 781 781 782 784 785 785 785 787 788 790 790 791	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Principa and cleaning. Custom gristmills.	837 837 838 839 840 841 842 843 844 845 845 846 846 846 846 846 847 847 847 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fluel consumed.	7117 7118 7119 7200 721 722 722 722 724 726 727 729 730 731 732 733	Comparative summary Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners, for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Boots and shoes. Frour-mill and gristmill products. Printing and publishing. Butter. Electrical machinery, apparatus, and supplies. Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	776 7777 7779 779 780 780 781 781 781 782 784 785 785 785 787 788 790 790 791	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Principa and publishing. Laundries. Dyeing and cleaning. Custom gristmills.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 847 848 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries and for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more. Fund and pristmill products. Flour-mill and gristmill products. Saughtering and meat packing. Butter, cheese, and condensed milk.	698 717 778 719 720 721 722 722 724 726 727 727 729 730 731 732 733 733 733 733	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing Boots and shoes. Flour-mill and gristmill products. Printing and publishing Butter. Electrical machinery, apparatus, and supplies. Laundries. Dyeing and cleaning Custom sawmills and gristmills.	7767 7779 7779 779 780 780 781 781 781 782 784 785 787 788 789 790 790 791 792 792 793 794 794 794 794	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of la bor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Principa and publishing Laundries. Dyeing and cleaning. Custom gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 847 848 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries in the state of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Flour-mill and gristmill products. Special Statistics. Flour-mill and gristmill products. Slaughtering and meat packing Butter, cheese, and condensed milk. Printing and publishing. Lumber and timber products.	7117 7118 7119 7200 721 722 722 722 724 726 727 729 730 730 731 732 733 733 733 733 733 733 733 733 733	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Wage earners, by months. Sand for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed SPECIAL STATISTICS. Slaughtering and meat packing. Boots and shoes. Flour-mill and gristmill products. Printing and publishing. Butter. Electrical machinery, apparatus, and supplies. Laundries. Dyeing and cleaning. Custom sawmills and gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and	7767 7779 7779 780 780 780 781 781 781 782 784 785 787 788 789 790 790 791 792 792 793 794 794 794 796	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SEECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Princing and publishing. Laundries. Dyeing and cleaning. Custom gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 847 848 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries in the state of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Flour-mill and gristmill products. Special Statistics. Flour-mill and gristmill products. Slaughtering and meat packing Butter, cheese, and condensed milk. Printing and publishing. Lumber and timber products.	7117 7118 7119 7200 721 722 722 722 724 726 727 729 730 730 731 732 733 733 733 733 733 733 733 733 733	Comparative summary Statistics for the state, by counties	7767 7779 7779 780 780 780 781 781 781 782 784 785 787 788 789 790 790 791 792 792 793 794 794 794 796	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Printing and publishing. Laundries. Dyeing and cleaning. Custom gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. NEVADA. GENERAL STATISTICS.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 848 848 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. for selected industries. Size of establishments, by value of products, for selected industries or solvent in the second of the s	7117 7118 7119 7200 721 722 722 722 724 726 727 729 730 730 731 732 733 733 733 733 733 733 733 733 733	Comparative summary Statistics for the state, by counties	7767 7779 7779 780 780 780 781 781 781 782 784 785 787 788 789 790 790 791 792 792 793 794 794 794 796	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Principa and publishing. Laundries. Dyeing and cleaning. Custom gristmilis. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. NEVADA. GENERAL STATISTICS.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 848 848 848 848
MINNESOTA. GENERAL STATISTICS. General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months. Wage earners, by months. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries, by considered industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Flour-mill and gristmill products. SPECIAL STATISTICS. Flour-mill and gristmill products. Laundries. Dyeing and cleaning. Custom sawmills and gristmills	698 717 7718 719 720 721 722 722 724 727 727 729 730 731 732 733 733 733 733 733 733 733 733 733	Comparative summary Statistics for the state, by counties	7767 7779 7779 780 780 780 781 781 781 782 784 785 787 788 789 790 790 791 792 792 793 794 794 794 796	Average number of wage earners, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers. Fuel consumed. SPECIAL STATISTICS. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Printing and publishing. Laundries. Dyeing and cleaning. Custom gristmills. GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. NEVADA. GENERAL STATISTICS.	837 837 838 839 840 841 842 843 844 845 845 846 847 847 848 848 848 848

NEVADA—Continued.		!	age.	Page.
GENERAL STATISTICS—continued.	agė.	Size of establishments by value of products Size of establishments, by value of products, for selected industries	902 903	Size of establishments, by value of products 986 Size of establishments, by value of products, for selected industries 986
Average number of wage earners, by sex and age,	250	Size of establishments, by value of products, for cities of 10,000 inhabitants or more	906	Size of establishments, by value of products, for cities of 10,000 inhabitants or more
Wage earners, by months. Wage earners, by months, for selected industries and for Reno. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for Reno.	859	Character of ownership, for selected industries	907	Character of ownership, for selected industries and for cities
and for Reno	860	10,000 inhabitants or more.	910	10,000 inhabitants or more
	860	Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state Number and horsepower of prime movers	910 912	Principal industries in cities having 50,000 in- habitants or more, with per cent of total for state 999 Number and horsepower of prime movers 1001
Size of establishments, by average number of wage earners, for selected industries and for Reno	861 861	Fuel consumed	912	Fuel consumed
Size of actablishments by value of products for	861	SPECIAL STATISTICS.	014	SPECIAL STATISTICS.
Character of ownership, for combined industries and for Reno.	862	Textiles. Machinery used in textile mills. Silk manufactures.	914 914 914	Slaughtering and meat packing 1003 Printing and publishing 1003 Textiles 1005
	$862 \\ 862$	Wool manufactures.	915 916	Textiles
SPECIAL STATISTICS.		Knit goods. Hats, fur-felt.	916 917	Wool manufactures 1008 Silk goods, including throwsters 1008
Flour-mill and gristmill products	863 863	Shipbuilding, including boat building Chemical industries	917 918	Cotton manufactures 1008 Hats, fur-felt 1009
	863	Slaughtering and meat packing	918 919	Boots and shoes 1000 Boots and shoes 1000
GENERAL TABLES.		Leather, tanned, curried, and finished	920 920	Knit goods. 1005 Wool manufactures 1006 Silk goods, including throwsters 1008 Cotton manufactures 1008 Hats, fur-felt 1009 Shipbuilding, including boat building 1009 Boots and shoes 1010 Electrical machinery, apparatus, and supplies 1011 Flour-milland gristmill products 1011 Automobiles, including bodies and parts 1011 Paper and wood pulp 1011
Comparative summary for selected industries and for Reno: 1919, 1914, and 1909.	863	Brick, tile, pottery, and other clay products Fertilizers	920 921	Paper and wood pulp. 1011 Butter, cheese, and condensed milk. 1013
Detailed statement of all industries combined and specified industries: 1919.	864	Printing and publishing Laundries	921 921	Druggists' préparations, patent medicines and compounds, and perfumery and cosmetics 1013
NEW HAMPSHIRE.		Silk manufactures. Wool manufactures. Cotton manufactures Knit goods. Hats, fur-felt Shipbuilding, including boat building Chemical industries. Electrical machinery, apparatus, and supplies. Slaughtering and meat packing. Rubber goods. Leather, tanned, curried, and finished. Paint and varnish Brick, tile, pottery, and other clay products. Fertilizers. Printing and publishing Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	922 922	Automobiles, including bodies and parts. 1011 Paper and wood pulp
GENERAL STATISTICS.		GENERAL TABLES.		Manufactured gas
General character of the state	867 868	Comparative summary for selected industries and	923	Tron and steel, blast furnaces
Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected indusdustries with ner court by covered one	869 869	for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919.	930	Paint and varnish 1016 Musical instruments, pianos and organs, and materials 1017 Engines, steam, gas, and water 1017 Leather gloves and mittens 1017
Average number of wage earners for selected indus-	869		•••	materials 1017 Engines, steam, gas, and water 1017
Average number of wage earners, by sex and age,	040	NEW MEXICO.		Leather gloves and mittens 1017 Canning and preserving 1018 Agricultural implements 1019 Laundries 1019
tants or more	870 870	GENERAL STATISTICS.		Laundries. 1019 Dyeing and cleaning 1019
tants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	871	General character of the state. Comparative summary Statistics for the state, by counties	959 960	Dyeing and cleaning 1019 Custom sawmills and gristmills 1019
Average number of wage earners, by prevailing hours of labor per week, for selected industries	000	Principal industries, by value of products Persons engaged in manufacturing industries	960 961	GENERAL TABLES.
Size of establishments, by average number of wage earners, for selected industries and for	5(2	Average number of wage earners for selected in- dustries, with per cent, by sex and age		Comparative summary for selected industries and for cities: 1919, 1914, and 1909
CITIES	873 873	Average number of wage earners, by sex and age, and value of products for Albuquerque	961	specified industries: 1919
Size of establishments, by value of products, for selected industries.	874	Wage earners, by months	962	NORTH CAROLINA.
Size of establishments, by value of products, for cities of 10,000 inhabitants or more	875	and for Albuquerque. Average number of wage earners, by prevailing hours of labor per week, for selected industries	962	GENERAL STATISTICS.
Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more.	875	and for Albuquerque. Size of establishments, by average number of wage	962	General character of the state
10,000 inhabitants or more. Principal industries in Manchester, with per cent	876	earners, for selected industries and for Albu-	- 47	Comparative summary 1102 Statistics for the state, by counties 1103 Principal industries, by value of products 1104
Principal industries in Manchester, with per cent of total for state	877 : 877 :	guerque. Size of establishments, by value of products Size of establishments by value of products, for	963	Persons engaged in manufacturing industries 1104 Average number of wage earners for selected in-
Fuel consumed	877	Albuquerque. Character of ownership Number and horsepower of prime movers	963 964	dustries, with per cent, by sex and age
SPECIAL STATISTICS. Cotton goods	878	Fuel consumed	964 964	and value of products for cities of 10,000 inhabitants or more 1105
Woolen and worsted goods. Knit goods.	879	SPECIAL STATISTICS.		Wage earners, by months
Boots and shoes	880 880	Laundries. Dyeing and cleaning	965 965	Average number of wage earners, by prevailing hours of labor per week, for selected industries
Laundries	881 i	Dyeing and cleaning	965	Size of establishments, by average number of wage
Dyeing and cleaning	882	GENERAL TABLES.		earners, for selected industries and for cities 1109 Size of establishments, by value of products 1109 Size of establishments, by value of products, for
GENERAL TABLES.	. }	Comparative summary for selected industries and for Albuquerque: 1919, 1914, and 1909	965	selected industries 1110 Size of establishments, by value of products, for
Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and	882	Detailed statement of all industries combined and specified industries: 1919	966	Character of ownership, for selected industries and
specified industries: 1919	884	NEW YORK.		for cities. 1112 Manufactures, by population groups, in cities of
NEW JERSEY.	-	GENERAL STATISTICS.		10,000 inhabitants of more
GENERAL STATISTICS.		General character of the state	969	SPECIAL STATISTICS.
General character of the state	889 891	Comparative summary	970 971	Cotton goods 1114 Knit goods 1115
Comparative summary Statistics for the state, by counties Principal industries, by value of products.	891 891	Comparative summary Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Aurogap number of wage geners for selected in	972 973	Knit goods
Average number of wage earners for selected indus-	892 893	Average number of wage earners for selected in- dustries, with per cent, by sex and age, Average number of wage earners, by sex and age, and value of products for cities of 10,000 in-	974	Fertilizers. 1116 Flour-mill and gristmill products. 1116 Leather, tanned, curried, and finished 1116
A vocate rumber of reaso company by new and and		and a management of the contraction of the same series		
Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi-		and value of products for cities of 10,000 in-	975	Laundries 1117
and value of products for cities of 10,000 inhabi- tants or more	894 894	Wage earners, by months. Wage earners, by months. for selected industries	975	Printing and publishing 1117 Laundries 1117 Dyeing and cleaning 1118 Custom sawmills and gristmills 1118
and value of products for cities of 10,000 inhabi- tants or more	894	Wage earners, by months. Wage earners, by months. for selected industries		Laundries 1117 Dyeing and cleaning 1118 Custom sawmills and gristmills 1118 GENERAL TABLES.
and value of products for cities of 10,000 inhabitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for lifes. Average number of wage earners, by prevailing hours of labor per week, for selected industries	894 894	and value of products for cities of 10,000 in- habitants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for	975	Oyeing and cleaning. 1118 Custom sawmills and gristmills. 1118

CONTROL SALMONO

GENERAL STATISTICS.	
General character of the state. Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age Average number of wage earners, by sex and age Average number of wage earners, by sex and age Wage earners, by months. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products, for selected industries for establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more with per vent of total for state.	1140 1141 1142 1143 1143 1144 1145 1145 1145 1152 1153 1154 1155 1160 1162
Number and horsepower of prime movers	1164
Fuel consumed	1,100
SPECIAL STATISTICS.	
Iron and steel, blast furnaces	1166
Steel works and rolling mills	1167
Rubber tires, tubes, and rubber goods	1168

Automobiles, including bodies and parts 1168
Slaughtering and meat packing
Electrical machinery, apparatus, and supplies 1169
Printing and publishing
Flour-mill and gristmill products
Boots and shoes
Machine tools
Butter, cheese, and condensed milk
Brick, tile, pottery, and other clay products 1171
Paper and wood pulp
Paint and varnish
Chemicals 1173
Engines, steam, gas, and water
Petroleum, refining
Glass
Agricultural implements
Leather, tanned, curried, and finished 1175
Laundries
Dyeing and cleaning
Custom sawmills and gristmills
Ourtoin ramming and Engerming

GENERAL TABLES.

F	age.
Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919	1177
OKLAHOMA.	
GENERAL STATISTICS.	
General character of the state	1213
Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage-earners, by sex and age, and value of products for cities of 10,000 inhabitative wage.	1214 1215 1216 1216 1217
Average number of wage-earners, by sex and age, and value of products for cities of 10,000 inhabi- tants or more.	1217
tants or more. Wage earners, by months. Wage earners, by months, for selected industries	1217
and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities	1218
and for cities	1219 1220
Size of establishments, by value of products	1220
selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and	1221 1221
	1222
for cities Manufactures, by population groups, in cities of 10,000 inhabitants or more.	1223
Principal industries in cities having 50,000 inhab- Itants or more, with per cent of total for state Number and horsepower of prime movers Fuel consumed	$\begin{array}{c} 1223 \\ 1223 \\ 1224 \end{array}$
SPECIAL STATISTICS.	1007
Printing and publishing	$\begin{array}{c} 1224 \\ 1225 \\ 1225 \end{array}$
Laundries and protesting Dyeing and cleaning Custom sawmills and gristmills	1226 1226 1226
GENERAL TABLES.	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909	1227
Detailed statement of all industries combined and specified industries: 1919	1228
OREGON.	
GENERAL STATISTICS.	
General character of the state	1235 1236 1237
Statistics for the state, by counties Principal industries, by value of products Persons engaged in manufacturing industries	1237 1237 1238
General character of the state. Comparative summary. Statistics for the state, by counties. Persons engaged in manufacturing industries. Average number of wage earners for selected industries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more.	12 38
and value of products for cities of 10,000 inhabitants or more	1238 1239
Wage earners, by months, for selected industries and for cities.	1239
and for cities	1240
and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities. Size of establishments, by value of products. Size of establishments, by value of products, for a constant of the consta	1241 1241
Size of establishments, by value of products, for selected industries.	1242
selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and	1243
for cities	1243
for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in Portland, with per cent of total for state.	1244 1244
total for state	1245 1245
SPECIAL STATISTICS.	
Lumber and timber products	1246 1246 1246 1247 1247
Canning and preserving. Butter, cheese, and condensed milk. Printing and publishing. Laundries. Dyeing and cleaning. Custom gristmills.	1248 1248 1249 1249 1249
GENERAL TABLES.	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909.	1250
Detailed statement of all industries combined and	

PENNSYLVANIA.

GENERAL STATISTICS.	
General character of the state	age. 1261 1262 1263
Comparative summary. Statistics for the state, by counties. Principal industries, by value of products. Persons engaged in manufacturing industries. A verage number of wage earners for selected industries, with per cent, by sex and age.	1264 1265 1265
Average number of wage earners for selected indus- tries, with per cent, by sex and age. Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi- tants or more. Wage earners, by months. Wage earners, by months, for selected industries	1266 1267
Average number of wage earners, by prevailing hours of labor per week, for selected industries	1268 1272
and for cities. Size of establishments, by average number of wage earners, for selected industries and for cities Size of establishments, by value or products Size of establishments, by value of products, for selected industries.	1276 1278 1278
selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities.	1281 1284
Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state. Number and horsepower of prime movers.	1287 1287 1289 1289
Fuel consumed	1209
Iron and steel, blast furnaces, Steel works and rolling mills Wire	1291 1291 1293
Wire. Tin plate and terneplate. Textiles. Wool manufactures. Knit goods.	1294 1295
Cotton manufactures Silk manufactures Hats, fur-feit Machinery used in textile mills Printing and publishing Leather, tanned, curried, and finished	1296 1297 1298 1298 1298
Printing and publishing Leather, tanned, curried, and finished Boots and shoes Chemical industries Petroleum, refining	1299 1300 1300 1301
Glass	1301 1302
Flour-mill and gristmill products Butter, cheese, and condensed milk Electrical machinery, apparatus, and supplies Engines, steam, gas, and water.	1303 1304 1304 1304 1305
Paints and varnishes. Slaughtering and meat packing. Flour-mill and gristmill products. Butter, cheese, and condensed milk. Electrical machinery, apparatus, and supplies. Engines, steam, gas, and water. Brass, bronze, and copper products. Paper and wood pulp. Laundries. Dyeing and cleaning. Custom sawmills and gristmills.	1305 1306 1306 1306
GENERAL TABLES.	
Comparative summary for selected industries and for cities: 1919, 1914, and 1909 Detailed statement of all industries combined and specified industries: 1919.	1307 1316
RHODE ISLAND.	
GENERAL STATISTICS.	-
General character of the state. Comparative summary. Statistics for the state, by counties. Principa lindustries, by value of products. Persons engaged in manufacturing industries.	1351 1352 1353 1353 1353
tries, with per cent, by sex and age. Average number of wage earners, by sex and age, and relue of products for cities of 10 000 inhabite.	1354 1354
tants or more. Wage earners, by months. Wage earners, by months, for selected industries and for cities. Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities.	1354 1355
Size of establishments, by average number of wage earners, for selected industries and for cities	1356 1357
Size of establishments, by value of products Size of establishments, by value of products, for selected industries. Size of establishments, by value of products, for cities of 10,000 inhabitants or more.	1357 1358 1359
cities of 10,000 inhabitants or more. Character of ownership, for selected industries and for cities. Manufactures, by population groups, in cities of 10,000 inhabitants or more. Principa lindustries in cities of 50,000 inhabitants	1360 1361
or more, with percent of totallor state	1361 1362

RHODE ISLAND—Con.	Page.	P	age.
	Laundries	Rice cleaning and poliching	1407
SPECIAL STATISTICS. Page.	Custom flour mills and gristmills. 1410	Laundries. Dyeing and cleaning Custom sawmills and gristmills.	1467
Textiles 1363 Cotton manufactures 1363		Custom sawmills and gristmills	1467
Cotton manufactures. 1363 Woolen and worsted goods. 1364 Silk goods. 1365	GENERAL TABLES.	GENERAL TABLES.	
Knit goods	Comparative summary for selected industries and for cities: 1919, 1914, and 1909		
Knit goods. 1365 Machinery used in textile mills 1366 Printing and publishing. 1366	Detailed statement of all industries combined and	Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and completed industries.	1460
Printing and publishing	specified industries: 1919 1412	Detailed statement of all industries combined and	1400
Laundries1366Dyeing and cleaning1367Custom sawmills1367	MENINEGGER	specified industries: 1919	1472
Custom sawmills	TENNESSEE.	UTAH.	
GENERAL TABLES.	GENERAL STATISTICS.	GENERAL STATISTICS.	
Comparative summary for selected industries and	General character of the state		
for cities: 1919, 1914, and 1909	Comparative summary	General character of the state Comparative summary	1485
Detailed statement of all industries combined and specified industries: 1919	Statistics for the state, by counties	Comparative summary. Statistics for the state, by counties. Principal industries, by value of products	1486
apouted manageros. 1919-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Persons engaged in manufacturing industries 1419 Average number of wage earners for selected in-	Principalindustries, by value of products	1487
SOUTH CAROLINA.	dustries, with per cent, by sex and age 1419		
	Average number of wage earners, by sex and age,	dustries, with per cent, by sex and age. Average number of wage earners, by sex and age,	1488
GENERAL STATISTICS.	and value of products for cities of 10,000 inhabitants or more		
General character of the state	Wage earners, by months. 1420 Wage earners, by months, for selected industries	tants or more. Wage earners, by months. Wage earners, by months, for selected industries	1488
Comparative summary 1382 Statistics for the state, by counties 1383 Principal industries, by value of products 1383	and for cities 1420	Wage earners, by months, for selected industries	1488
Principal industries, by value of products 1383	and for cities. 1420 Average number of wage earners, by prevailing hours of labor per week, for selected industries		1489
Persons engaged in manufacturing industries 1384 Average number of wage earners for selected in-	nours of labor per week, for selected industries	Average number of wage earners, by prevailing hours of labor per week, for selected industries	
dustries, with per cent, by sex and age	and for cities	and forcities. Size of establishments, by average number of wage	1489
Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi-	earners, for selected industries and for cities 1423 Size of establishments, by value of products 1423	PATRATE INTERIORISM INDUSTRIAL and for sition	1 100
tants or more	Size of establishments, by value of products, for	Size of establishments, by value of products.	1490
tents or more. 1384 Wage earners, by months. 1385 Wage earners, by months, for selected industries and for cities 1385	selected industries		
and for cities	cities of 10,000 inhabitants or more	Size of establishments, by value of products, for	1491
Average number of wage earners, by prevailing hours of labor per week, for selected industries	cities of 10,000 inhabitants or more. 1425 Character of ownership, for selected industries and	selected industries. Size of establishments, by value of products, for effices of 10,000 inhabitants or more.	1492
and for cities	Manufactures, by population groups, in cities of	forcities	1400
Size of establishments, by average number of wage earners, for selected industries and for cities 1387	for cities. 1426 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 1427 Comparative summary—Bristol, Tenn., and Bristol Vac	Manufactures by nonulation groups in sitios of	
Size of establishments, by value of products 1387	tol. Va. 1427	16,000 inhabitants or more. Principal industries in Salt Lake City, with per	1493
Size of establishments, by value of products, for	tol, Va	cent of total for state Number and horsepower of prime movers	1493
Size of establishments, by value of products, for	tants or more, with per cent of total for state 1428 Number and horsepower of prime movers 1429	Fuel consumed.	1493
Size of establishments, by value of products	Fuel consumed		
Character of Ownership, for selected modestries and	SPECIAL STATISTICS.	SPECIAL STATISTICS. Beet sugar	1404
for cities	Flour-mill and gristmill products 1430 Lumber and timber products 1430	Flour-mill and gristmill products Canning and preserving	1494
10,000 inhabitants or more	Lumber and timber products	Canning and preserving Printing and publishing	1495
of total for state	Knit goods	Butter, cheese, and condensed milk.	1495
of total for state. 1390 Number and horsepower of prime movers. 1390 Fuel consumed. 1391	Knit goods 1431 Cotton goods 1432 Woolen goods 1431	Laundries	1495
	Printing and publishing 1431 Dyestuffs and extracts—natural 1432	Dyeing and cleaning. Custom gristmills and sawmills.	1496
SPECIAL STATISTICS. Cotton goods	Dyestuffs and extracts—natural	GENERAL TABLES.	
Fertilizers 1392	Iron and steel, blast furnaces	Comparative summary for selected industries	
Lumber and timber products 1392 Printing and publishing 1393	Laundries	and for cities: 1919, 1914, and 1909	1497
Laundries	Dyeing and cleaning	Detailed statement of all industries combined and specified industries: 1919	
Dyeing and cleaning 1393 Custom gristmills and sawmills 1393	GENERAL TABLES.	-	1430
the control of the co	Comparative summary for selected industries and	VERMONT.	
GENERAL TABLES.	for cities: 1919, 1914, and 1909	GENERAL STATISTICS.	
Comparative summary for selected industries and	specified industries: 1919	General character of the state.	1503
for cities: 1919, 1914, and 1909 1395 Detailed statement of all industries combined and		Comparative summary. Statistics for the state, by counties. Principalindustries, by value of products. Persons engaged in manufacturing industries.	1504
specified industries: 1919 1396	TEXAS.	Principalindustries, by value of products	1505
COTTONE TO A TROMA	GENERAL STATISTICS.	Average number of wage earners for selected in-	
SOUTH DAKOTA.	General character of the state	dustries, with percent, by sex and age	1506
GENERAL STATISTICS.	Comparative summary	Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabi-	
General character of the state	Statistics for the state, by counties	tants or more	1506
Comparative summary 1402 Statistics for the state, by counties 1402	Persons engaged in manufacturing industries 1451 Average number of wage earners for selected in-	Wage earners, by months	.001
Principal industries, by value of products 1403 Persons engaged in manufacturing industries 1404	dustries, with per cent, by sex and age 1452 Average number of wage earners, by sex and age,	and forcities 1	.507
Average number of wage earners for selected in-	and value of products in cities of 10,000 inhabi-	Average number of wage earners, by prevailing hours of labor per week, for selected industries	
dustries, with per cent, by sex and age 1404 Average number of wage earners, by sex and age,	tants or more	and forcities	.508
and value of products for cities of 10,000 in-	Wage earners, by months. 1453 Wage earners, by months, for selected industries	Size of establishments, by average number of wage earners, for selected industries and for cities 1	1509
habitants or more	and for cities	Size of establishments, by value of products 1 Size of establishments, by value of products, for	
Wage earners, by months. 1404 Wage earners, by months, for selected industries	hours of labor per week, for selected industries	selected industries 1 Size of establishments, by value of products, for	1510
Average number of wage earners, by prevailing	and for cities	cities of 10,000 inhabitants or more	1511
hours of labor per week, for selected industries	earners, for selected industries and for cities 1457	Character of ownership, for selected industries and	
and for cities	Size of establishments, by value of products 1458 Size of establishments, by value of products, for	for cities	.511
wage earners, for selected industries and for	selected industries 1458 Size of establishments, by value of products, for	10,000 inhabitants or more	1512
cities	cities of 10,000 inhabitants or more	Number and horsepower of prime movers 1 Fuel consumed	1512
Size of establishments, by value of products, for	Character of ownership, for selected industries and	SPECIAL STATISTICS.	
Size of establishments, by value of products, for	for cities	Butter, cheese, and condensed milk 1	1519
cities of 10,000 inhabitants or more 1407	10.000 innabitants or more	Woolen and worsted goods 1	1513
Character of ownership, for selected industries and for cities	Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state 1463	Paper and wood pulp. 1 Flour-mill and gristmill products 1	1513
for cities	Number and horsepower of prime movers 1463	Laundries	514
10,000 inhabitants, or more	Fuel consumed1464	Dyeing and cleaning 1 Custom sawmills and gristmills. 1	514
Fuel consumed	SPECIAL STATISTICS.	GENERAL TABLES.	JAT
SPECIAL STATISTICS.	Petroleum, refining		
Butter	Flour-mill and gristmill products	Comparative summary for selected industries and for cities: 1919, 1914, and 1909	515
Flour-mill and gristmill products	Lumber, and timber products. 1468 Printing and publishing. 1466	Detailed statement of all industries combined and specified industries: 1919 1	
	TITUTER STOR PRODUCTING 1200	~_~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

CONTENTS.

VIRGINIA.	WEST VIRGINIA.	WYOMING.
GENERAL STATISTICS.	GENERAL STATISTICS.	GENERAL STATISTICS. Page.
General character of the state. 1521 Comparative summary. 1523 Statistics for the state, by counties. 1523 Statistics for the state, by counties. 1523 Principal industries, by value of products. 1525 Personsengaged in manufacturing industries. 1525 Average number of wage earners for selected industries, with per cent, by sex and age. 1525 Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants of more. 1526 Wage earners, by months. 1526 Wage earners, by months, for selected industries and for cities. 1527 Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. 1528 Size of establishments, by average number of	General character of the state	General character of the state. 1653 Comparative summary. 1654 Statistics for the state, by counties. 1654 Principal industries, by value of products. 1655 Persons engaged in manufacturing industries. 1655 Average number of wage earners for selected industries, with per cent, by sex and age, 1655 Wage earners, by months, for selected industries and value of products for cities of 10,000 inhabitants or more. 1655 Wage earners, by months, for selected industries and for cities. 1656 Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. 1656 Size of establishments, by average number of wage earners, for selected industries and for cities. 1657 Size of establishments, by value of products, for selected industries, 1657 Size of establishments, by value of products, for Cheyenne. 1658 Character of ownership, for selected industries and for Cheyenne. 1658 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 1659 Number and horsepower of prime movers. 1659 Fuel consumed. 1659
10,000 inhabitants or more. 1534 Comparative summary, Bristol, Tenn., and Bristol, Va. 1534		
Bristol, Va. 1534 Principal industries in cities of 50,000 inhabitants 1535 or more, with per cent of total for state. 1535 Number and horsepower of prime movers. 1536 Fuel consumed. 1636 SPECIAL STATISTICS. 1537 Lumber and timber products. 1537 Lumber and timber products. 1537 Fertilizers. 1537 Leather, tanned, curried, and finished. 1537 Iron and steel, blast furnaces. 1538 Printing and publishing. 1538 Shipbuilding, including boa: building. 1538 Laundries. 1538 Dyeing and cleaning. 1539 Custom sawmills and gristmills. 1539	SPECIAL STATISTICS.	### SPECIAL STATISTICS. Flour-mill and gristmill products. 1660 Butter. 1660 Laundries. 1660 Dyeing and cleaning. 1660 #### GENERAL TABLES. Comparative summary for selected industries, and for Cheyenne: 1919, 1914, and 1909. 1661 Detailed statement of all industries combined and specified industries: 1919. 1662
Laundries	Comparative summary for selected industries and for cities: 1919, 1914, and 1909	ALASKA.
Custom sawmills and gristmills	Detailed statement of all industries combined and specified industries: 1919. 1602	GENERAL STATISTICS. General character of the territory
GENERAL TABLES. Comparative summary for selected industries and for cities: 1919, 1914, and 1909. Detailed statement of all industries combined and specified industries: 1919. 1542	WISCONSIN. GENERAL STATISTICS.	Comparative summary 1665 Comparative summary for selected industries 1666 Wage carners, by months 1666 Character of ownership 1666 Size of establishments, by value of products 1666
WASHINGTON.	General character of the state. 1609	GENERAL TABLE.
GENERAL STATISTICS.	Comparative summary	Detailed statement of all industries combined and specified industries: 1919
General character of the state. 1551 Comparative summary 1552 Statistics for the state, by counties 1553 Principal industries, by value of products 1554 Persons engaged in manufacturing industries 1554 Average number of wage earners for solected industries, with per cent, by sex and age, and value of products for cities of 10,000 inhabitants or more. 1555 Wage earners, by months 1555 Wage earners, by months 1556 Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities 1556 Size of establishments, by value of products 1558 Size of establishments, by value of products, for selected industries, for selected industries and for cities 1558 Size of establishments, by value of products, for selected industries, by value of products, for cities of 10,000 inhabitants or more 1560 Character of ownership, for selected industries and for cities 1561 Manufactures, by population groups, in cities of 10,000 inhabitants or more 1562 Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state 1563 Fuel consumed 1563 Fuel consumed 1564 Shipbuilding, including boat building 1564 Flour-mill and gristmill products 1565 Slaughtering and meat packing 1566 Canning and preserving 1567 Laundries 1568 Cyeing and cleaning 1568 Custom gristmills 1568	Person's engaged in manufacturing industries. 1613 Average number of wage earners for selected industries, with per cent, by sex and age. 1613 Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more. 1614 Wage earners, by months. 1614 Wage earners, by months for selected industries and for cities. 1615 Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities. 1617 Size of establishments, by average number of wage earners, for selected industries and for cities. 1619 Size of establishments, by value of products. 1620 Size of establishments, by value of products, for selected industries. 1620 Size of establishments, by value of products, for cities of 10,000 inhabitants or more. 1623 Character of ownership, for selected industries and for cities. 1624 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 1625 Funcipal industries in cities of 50,000 inhabitants or more; with per cent of total for state. 1626 Funcional industries in cities of 50,000 inhabitants or more; with per cent of total for state. 1626 Funcional modern of prime movers. 1628 Funcional modern of prime movers. 1629 Engines, steam, gas, and water. 1629 Engines, steam, gas, and water. 1629 Paper and wood pulp. 1630 Lumber and timber products 1631 Flour-mill and grisimill products 1631 Flour-mill and grisimill products 1631 Boots and shoes. 1631 Agricultural implements 1632 Printing and publishing. 1632 Laundries. 1633 Dyeing and cleaning 1633 Custom gristmills and sawnills 1633	GENERAL STATISTICS. General character of the territory
	Custom gristmills and sawmills	specified industries: 1919
GENERAL TABLES.	Comperative summery for selected industries and	all industries combined: 1919
Comparative summary for selected industries and for cities: 1919, 1914, and 1909. 1569 Detailed statement of all industries combined and specified industries: 1919. 1572	for cities: 1919, 1914, and 1909	MINES AND QUARRIES. Comparative summary: 1919 and 1909 1682

DODEO DIGO	Dane	Openia Continue	Done
PORTO RICO.	Page.	SPECIAL STATISTICS.	Page.
GENERAL STATISTICS. Page.	Size of establishments, by average number of wage earners, for selected industries and for cities	Sugar and molasses Tobacco manufactures Coffee, cleaning and polishing	1690
General character of the territory 1683	Size of establishments, by value of products 1687	Laundries	1691
Comparative summary. 1684 Principal industries, by value of products. 1684 Person's engaged in manufacturing industries. 1684 Average number of wage earners for selected industries, with per cent, by sex and age. 1685 Average number of wage earners, by sex and age, and value of products for cities. 1685 Wage earners, by months, and for selected industries and for cities. 1685 Average number of wage earners, by prevailing hours of labor per week. 1686	Size of establishments, by value of products, for selected industries. 1687 Size of establishments, by value of products, for cities of 10,000 inhabitants or more. 1688 Character of ownership, for selected industries and for cities. 1689 Manufactures, by population groups, in cities of 10,000 inhabitants or more. 1689 Number and horsepower of prime movers. 1689 Fuel consumed. 1690	GENERAL TABLES. Comparative summary for selected industriand cities: 1919 and 1909. Detailed statement of all industries: 1919. MINES AND QUARRIES. Comparative summary: 1919 and 1909.	ies 1691 1692

INTRODUCTION AND EXPLANATION OF TERMS.

INTRODUCTION.

The statistics of manufactures for the different states and territories were published as separate bulletins as rapidly as the statistics were compiled. These bulletins are now collected in the present volume forming Volume IX of the reports of the Fourteenth Census. This volume contains the reports for the states and the District of Columbia in alphabetical order, followed by the reports for Alaska, Hawaii, and Porto Rico. Included with the reports for Hawaii and Porto Rico, as separate sections, are the statistics for the quarries in each of those territories for which reports were made (there being no mines reported as such). figures in this volume in some unimportant details differ from those given in the bulletins, for the reason that certain minor errors discovered in the bulletins as first published have been corrected.

The text of the report for each state summarizes the general results of the census inquiry, presenting a series of special tables in which the most important figures shown in the general tables are given in convenient form for the state or territory as a whole and for important individual industries. It also presents tables in which the statistics for all manufacturing industries combined and for a few important industries

separately are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented for every industry without disclosing the operations of individual establishments.

At the end of the report for each state or territory are two general tables, a comparative summary for selected industries, and a detailed statement of all industries combined and specified industries.

The comparative summary gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state or territory and in cities having 50,000 inhabitants or more; and for cities having from 10,000 to 50,000 inhabitants, similar data for all industries combined.

The detailed statement presents, for 1919, in the state or territory as a whole, and in cities with 50,000 inhabitants or more, statistics in detail for each industry that can be shown without the disclosure of individual operations; and for cities having from 10,000 to 50,000 inhabitants, similar data for all industries combined.

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some

cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are pre-

sented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of each state report give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in comparison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

In order to determine as nearly as possible the agdistribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for cember 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number

of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Prevailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried and live capital may be taken at the amounts carried and the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as

well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured, and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

Location of establishments.—The Census Bureau has classified establishments by their location in cities. In interpreting these figures due consideration should be given to the fact that establishments are often located just outside the boundaries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the city.

Laundries.—The censuses of 1919 and 1909 were the only manufacturing canvasses to include statistics of power laundries. The data are presented separately

and are not included in the general total for manufacturing industries, since their inclusion would interfere with comparisons with other censuses.

Custom sawmills and gristmills.—In order to make the statistics for 1919 comparable with those for 1914, the data for these mills have been excluded from all the tables presenting general statistics. Data for such establishments are given in a separate table at the end of the special statistics for each state and territory, so far as this can be done without disclosing the operations of individual establishments.